

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended): A digital image capturing apparatus comprising:

a housing;

5 a first hole installed on the front side of the housing for inputting light from the front, the first hole having a first central axis;

a second hole installed on the rear side of the housing for inputting light from the rear, the second hole having a central axis substantially parallel with the first central axis;

10 a reflector module installed in the housing for reflecting the light input from the first hole or the second hole, the reflector module comprising:

a pedestal turning on a second axis;

a reflector installed on a side of the pedestal for reflecting the light from the first hole or the second hole to the photosensor; and

15 a strobe installed on the pedestal and ~~capable of turning along with the pedestal~~ turnable with the pedestal allowing the strobe to be aimed substantially parallel with the first central axis in either direction for providing a light source necessary for the digital image capturing apparatus;

20 a photosensor installed in the housing for sensing the light from the reflector module; and

an image generating module installed in the housing for generating an image according to the light sensed by the photosensor.

25 Claim 2 (Original): The digital image capturing apparatus of claim 1, further comprising a lens group installed between the reflector module and the photosensor for focusing the light from the reflector module onto the photosensor.

30 Claim 3 (Original): The digital image capturing apparatus of claim 1, further comprising a first lens group installed between the first hole and the reflector module for focusing the light from the first hole onto the photosensor, and a second lens group installed between the second hole and the reflector module for focusing the light from

the second hole onto the photosensor.

Claim 4 (Withdrawn): The digital image capturing apparatus of claim 1, wherein the reflector module comprises:

- 5 a pedestal turning on a first axis;
a first reflector installed on a first side of the pedestal for reflecting the light from the first hole to the photosensor;
a second reflector installed on a second side of the pedestal for reflecting the light from the second hole to the photosensor; and
10 a strobe installed between the front side of the pedestal and the second reflector being capable of turning along with the pedestal, for providing a light source necessary for the digital image capturing apparatus.

Claim 5 (Withdrawn): The digital image capturing apparatus of claim 4, wherein the
15 first axis is perpendicular to the pedestal.

Claim 6 (Withdrawn): The digital image capturing apparatus of claim 4, wherein the normal lines of the first reflector and the second reflector cross at right angles.

20 Claim 7 (Cancelled)

Claim 8 (Previously Presented): The digital image capturing apparatus of claim 1, wherein the acute angle formed by the second axis and the normal line of the reflector is 45 degrees.

25 Claim 9 (Withdrawn): The digital image capturing apparatus of claim 1, wherein the reflector module comprises:

- a reflector turning on a third axis;
a first strobe installed on the front side of the pedestal for providing a light
30 source necessary for the digital image capturing apparatus when the reflector turns to a direction for reflecting the light from the first hole;
and

a second strobe installed on the rear side of the pedestal for providing a light source necessary for the digital image capturing apparatus when the reflector turns to a direction for reflecting the light from the second hole.

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Claim 10 (Withdrawn): The digital image capturing apparatus of claim 9, wherein the third axis is perpendicular to the normal line of the reflector.

Claim 11 (Withdrawn): The digital image capturing apparatus of claim 1, wherein the reflector module comprises:

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a first reflector and a second reflector aligned on a line with their normal lines crossing at right angles;

a first strobe installed in the housing for providing a light source necessary for the digital image capturing apparatus when the first reflector turns to a direction for reflecting the light from the first hole to the photosensor; and

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a second strobe installed in the housing for providing a light source necessary for the digital image capturing apparatus when the second reflector turns to a direction for reflecting the light from the second hole to the photosensor,

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wherein the two reflectors and the two strobes can move up and down toward the photosensor, in order to receive the light from the first reflector or the second reflector.

Claim 12 (Original): The digital image capturing apparatus of claim 1, wherein both the first hole and the second hole are installed with a transparent material.

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Claim 13 (Original): The digital image capturing apparatus of claim 1 being a digital camera or a digital camcorder.

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Claim 14 (Currently Amended): A digital image capturing apparatus comprising:
a housing;

- a lens installed on the housing, ~~being capable of moving back and forth~~
moveable between a first position and a second position, for inputting
light from the front of the housing in the first position ~~[[or]]~~ and from
the rear of the housing in the second position;
- 5 a reflector module installed in the housing for reflecting the light input from
the lens, the reflector module comprising:
- a pedestal turning on a fourth axis;
 - a reflector installed on a side of the pedestal for reflecting the light
from the lens to the photosensor; and
 - 10 a strobe installed on the pedestal and ~~capable of turning along with~~
the pedestal turnable with the pedestal allowing the strobe to be
aimed substantially parallel with the lens for providing a light
source necessary to the digital image capturing apparatus;
 - a photosensor installed in the housing for sensing the light from the reflector
15 module; and
 - an image generating module installed in the housing for generating an image
according to the light sensed by the photosensor.

Claim 15 (Original): The digital image capturing apparatus of claim 14, further
20 comprising a lens group installed between the reflector module and the photosensor
for focusing the light from the reflector module onto the photosensor.

Claim 16 (Original): The digital image capturing apparatus of claim 14, wherein the
reflector module is installed in the housing and is capable of moving along with the
25 lens.

Claim 17 (Cancelled)

Claim 18 (Previously Presented): The digital image capturing apparatus of claim 14,
30 wherein the acute angle formed by the fourth axis and the normal line of the reflector
is 45 degrees.

Claim 19 (Withdrawn): The digital image capturing apparatus of claim 14, wherein the reflector module comprises:

- a first reflector and a second reflector aligned on a line with their normal lines crossing at right angles;
 - 5 a first strobe installed in the housing for providing a light source necessary for the digital image capturing apparatus when the first reflector turns to a direction for reflecting the light from the lens to the photosensor; and
 - a second strobe installed in the housing for providing a light source necessary for the digital image capturing apparatus when the second
 - 10 reflector turns to a direction for reflecting the light from the lens to the photosensor,
- wherein the two reflectors and the two strobes can move up and down toward the photosensor in order to reflect the light from the lens.

- 15 Claim 20 (Original): The digital image capturing apparatus of claim 14 being a digital camera or a digital camcorder.

Claim 21-22 (Cancelled)

- 20 Claim 23 (Previously Presented): The digital image capturing apparatus of claim 1, wherein the second axis is perpendicular to a shortest line connecting the front side of the housing to the rear side of the housing.

- Claim 24 (Previously Presented): The digital image capturing apparatus of claim 23,
- 25 wherein an angle formed by the second axis and a normal line of the reflector is 45 degrees, and an angle formed by the second axis and a line along which the strobe is aimed is 90 degrees.

- Claim 25 (Previously Presented): The digital image capturing apparatus of claim 14,
- 30 wherein the second axis is perpendicular to a shortest line connecting the front side of the housing to the rear side of the housing.

Claim 26 (Previously Presented): The digital image capturing apparatus of claim 25, wherein an angle formed by the second axis and a normal line of the reflector is 45 degrees, and an angle formed by the second axis and a line along which the strobe is aimed is 90 degrees.

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Claim 27 (New): The digital image capturing apparatus of claim 1, wherein the second axis is perpendicular to the first central axis.

Claim 28 (New): A digital image capturing apparatus comprising:

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a housing having a front side and an opposite rear side, and a first central axis as a shortest line connecting the front side and the rear side;

a reflector module installed in the housing for reflecting light input at the front side of the housing when the reflector module is in a first position and for reflecting light input at the rear side of the housing when the reflector module is in a second position, the reflector module comprising:

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a pedestal turning on a second axis, the second axis being perpendicular to the first central axis, the pedestal turning between the first and second positions;

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a reflector installed on the pedestal and turnable with the pedestal allowing for reflecting light from the front or rear side of the housing to the photosensor; and

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a strobe installed on the pedestal and turnable with the pedestal allowing the strobe to be aimed substantially parallel with the first central axis in either direction for providing a light source necessary for the digital image capturing apparatus;

a photosensor installed in the housing for sensing the light from the reflector module; and

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an image generating module installed in the housing for generating an image according to the light sensed by the photosensor.